

FO Cables—Uni Distribution

Signamax Tight Buffered internal/external fiber optic cables are suitable for fiber backbones in riser & horizontal configurations or for direct terminations made on-site. From 4 to 24-core cables feature a single unit of colour coded 900 µm buffered fibers.

BENEFITS

- Choice of fiber types
- Colour coded fibers
- High strength E-Glass rodent resistant yarn strength members for ease of handling
- LSZH jacket
- Easy to strip

APPLICATIONS

- Internal cable for installation in trunking, under floor or ceiling spaces
- Fiber backbones in riser and horizontal configurations



Technical Specifications

DESCRIPTION	4-CORE LSZH	8-CORE LSZH	12-CORE LSZH	24-CORE LSZH
Outer Diameter (mm)	4.8 ±0.3	5.8 ±0.3	6.5 ±0.3	7.5 ±0.3
Weight (kg/km)	26	34	40	61
Max. Load (installation) (N)	600	750	750	900
Max. Load (installed) (N)	300	375	375	450
Min. Bend Radius (installation) (mm)	96	116	130	150
Min. Bend Radius (installed) (mm)	48	58	65	75
Fire Performance	IEC 60332-1			
Operating Temp. (°C)	-20 to +60	-20 to +60	-20 to +60	-20 to +60
Storage Temp. (°C)	-20 to +60	-20 to +60	-20 to +60	-20 to +60
Installation Temp.	-5 to +40	-5 to +40	-5 to +40	-5 to +40
Crush Resistance (N/10 cm)	1,000	1,000	1,000	1,000

FEATURES	
OS1	✓
OM1	✓
OM2	✓
OM3	✓
OM4	✓
Internal Use	✓
External Use	✓
Fire Retardant	✓
Water Resistant	✗
Rodent Resistant	✓
Armored	✗

Uni Distribution Cables Parameters

FIBRE GRADE	CONSTRUCTION	JACKET	FIBER COUNT
OM1 62.5/125, MM	TB = Tight Buffered	LSZH	4 core
OM2 50/125, MM			8 core
OM3 50/125, MM enh			12 core
OM4 50/125, MM 10G+			24 core
OS1 09/125, SM			